

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

TI-18913R

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 6,475,846, granted Nov. 5, 2002, and for which a

reissue patent is sought on the invention entitled METHOD OF MAKING FLOATING-GATE MEMORY-CELL ARRAY WITH DIGITAL LOGIC TRANSISTORS

the specification of which

☒ is attached hereto.

☐ was filed on _____ as reissue application number _____ / _____ and was amended on _____.

(If applicable)

☒ A Preliminary Amendment is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

This is a broadening reissue application. Original claim 1 recites "forming first and second opposite-conductivity-type diffusion regions having a first depth" and "forming first and second same-conductivity-type diffusion regions having a second depth". New claims are added to recite "simultaneously forming first and second diffusion regions having a second conductivity type" and "simultaneously forming third and fourth diffusion regions having said first conductivity type".

These new claims exclude the first and second depth limitations.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
TI-18913R

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s) Robert N. Rountree Registration Number 39,347
Practitioners at Customer Number 20-0668

Correspondence Address: Direct all communications about the application to:

☒ Customer Number 20-0668

Type Customer Number here

Place Customer Number Bar
Code Label here

<input type="checkbox"/> Firm or Individual Name				
Address				
Address				
City		State		Zip
Country				
Telephone		Fax		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Giulio-Giuseppe Marotta

Inventor's signature *Giulio Giuseppe Marotta*

Date 07/24/2003

Residence Italy

Citizenship Italian

Mailing Address Via Fontecerro Sud 18/b; Contigliano, RI, 02043

Full name of second joint inventor (given name, family name)

Giovanni Santin

Inventor's signature

Date

Residence Italy

Citizenship Italian

Mailing Address Via D'Aquilio 10; Cittaducale, RI, 02010

Full name of third joint inventor (given name, family name)

Michael C. Smayling

Inventor's signature

Date

Residence US

Citizenship US

Mailing Address 718 Old San Francisco Road #165; Sunnyvale, CA 94086

☒ Additional joint inventors are named on separately numbered sheets attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
TI-18913R

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s) Robert N. Rountree Registration Number 39,347

Practitioners at Customer Number 20-0668

Correspondence Address: Direct all communications about the application to:



Customer Number

20-0668

Type Customer Number here

Place Customer Number Bar
Code Label hereFirm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Giulio-Giuseppe Marotta

Inventor's signature

Date

Residence

Italy

Citizenship

Italian

Mailing Address

Via Fontecerro Sud 18/b; Contigliano, RI, 02043

Full name of second joint inventor (given name, family name)

Giovanni Santin

Inventor's signature

Date

7/28/2003

Residence

Italy

Citizenship

Italian

Mailing Address

Via D'Aquilio 10; Cittaducale, RI, 02010

Full name of third joint inventor (given name, family name)

Michael C. Smayling

Inventor's signature

Date

Residence

US

Citizenship

US

Mailing Address

718 Old San Francisco Road #165; Sunnyvale, CA 94086



Additional joint inventors are named on separately numbered sheets attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
TI-18913R

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s) Robert N. Rountree Registration Number 39,347
Practitioners at Customer Number 20-0668

Correspondence Address: Direct all communications about the application to:



Customer Number

20-0668

Type Customer Number here

Place Customer Number Bar
Code Label here

<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		Zip	
Country					
Telephone		Fax			

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Giulio-Giuseppe Marotta

Inventor's signature

Date

Residence

Italy

Citizenship

Italian

Mailing Address

Via Fontecerro Sud 18/b; Contigliano, RI, 02043

Full name of second joint inventor (given name, family name)

Giovanni Santin

Inventor's signature

Date

Residence

Italy

Citizenship

Italian

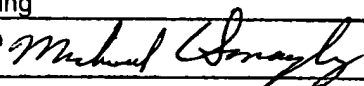
Mailing Address

Via D'Aquilio 10; Cittaducale, RI, 02010

Full name of third joint inventor (given name, family name)

Michael C. Smayling

Inventor's signature



Date

7/21/03

Residence

US

Citizenship

US

Mailing Address

718 Old San Francisco Road #165; Sunnyvale, CA 94086



Additional joint inventors are named on separately numbered sheets attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 3)

Docket Number (Optional)
TI-18913R

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s) Robert N. Rountree Registration Number 39,347
Practitioners at Customer Number 20-0668

Correspondence Address: Direct all communications about the application to:

☒ Customer Number 20-0668

Type Customer Number here

Place Customer Number Bar
Code Label here☐ Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of Fourth inventor (given name, family name)
Misako A. Matsuoka

Inventor's signature

Date

Residence US

Citizenship Japanese

Mailing Address 587 Bancroft Street; Santa Clara, CA 95051-5600

Full name of Fifth inventor (given name, family name)
Satoru Fukawa

Inventor's signature

Date

Residence US

Citizenship Japanese

Mailing Address 13536 N. Central Expressway, M/S 971; Dallas, TX 75243

Full name of third joint inventor (given name, family name)

Inventor's signature

Date

Residence

Citizenship US

Mailing Address

☐ Additional joint inventors are named on separately numbered sheets attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE

Docket Number (optional)
TI-18913R

I hereby declare that:

My residence and mailing address and citizenship are stated below next to my name.

I am authorized to act on behalf of the following assignee: Texas Instruments Incorporated

and the title of my position with said assignee is: Vice President and General Patent Counsel

The entire title to the patent identified below is vested in said assignee.

Name of Patentee(s): Giulio Marotta, Giovanni Santin, Michael C. Smayling, Misako A. Matsuoka, Satoru Fukawa

Patent Number
6,475,846

Date of Patent Issued
November 5, 2002

Title of Invention
METHOD OF MAKING FLOATING-GATE MEMORY-CELL ARRAY WITH DIGITAL LOGIC TRANSISTORS

I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled METHOD OF MAKING FLOATING-GATE MEMORY-CELL ARRAY WITH DIGITAL LOGIC TRANSISTORS

the specification of which

☒ is attached hereto. ☒ A Preliminary Amendment is attached hereto.

☐ was filed on _____ as reissue application number _____ / _____
and was amended on _____
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☐ by reason of other errors.

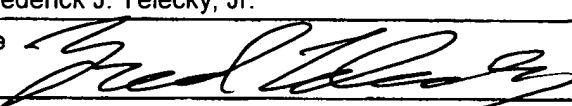
At least one error upon which reissue is based is described as follows:

This is a broadening reissue application. Original claim 1 recites "forming first and second opposite-conductivity-type diffusion regions having a first depth" and "forming first and second same-conductivity-type diffusion regions having a second depth". New claims are added to recite "simultaneously forming first and second diffusion regions having a second conductivity type" and "simultaneously forming third and fourth diffusion regions having said first conductivity type". These new claims exclude the first and second depth limitations.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

[Page 1 of 2]

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE				Dock t Number (Opti nal) TI-18913R	
<p>I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.</p>					
Name(s)		Registration Number			
Robert N. Rountree		39,347			
Practitioners at Customer Number 20-0668					
Correspondence Address: Direct all communications about the application to:					
<input checked="" type="checkbox"/> Customer Number		20-0668		→	
		Type Customer Number Here		Place Customer Number Bar Code Label Here	
OR					
<input type="checkbox"/> Firm or Individual Name					
Address					
Address					
City		State		Zip	
Country					
Telephone		Fax			
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p>					
Full name of person signing (given name, family name) Frederick J. Telecky, Jr.					
Signature 				Date 10/17/2003	
Address of Assignee Texas Instruments Inc., 7839 Churchill Way, MS 3999, Dallas, TX 75251					
Patentee Giulio Marotta				Citizenship Italian	
Residence/Mailing Address Via Fontecerro Sud 18/b; Contigliano, RI, 02043					
Patentee Giovanni Santin				Citizenship Italian	
Residence/Mailing Address Via Marche 3; 02010 Vazia (Rieti) Italy					
<input checked="" type="checkbox"/> Additional Patentees are named on separately numbered sheets attached hereto.					

TI-18913R

Patentee Michael C. Smayling	Citizenship US
Residence/Mailing Address 718 Old San Francisco Road #165; Sunnyvale, CA 94086	
Patentee Misako A. Matsuoka	Citizenship Japan
Residence/Mailing Address 587 Bancroft Street; Santa Clara, CA 95051-5600	
Patentee SatoruFukawa	Citizenship Japan
Residence/Mailing Address 13536 N. Central Expressway, M/S 971; Dallas, TX 75243	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Texas Instruments Incorporated
 Application No./Patent No.: 6,475,846 Filed/Issue Date: 6-18-95/11-5-02
 Entitled: METHOD OF MAKING FLOATING-GATE MEMORY-CELL ARRAY WITH DIGITAL LOGIC TRANSISTORS
Texas Instruments Incorporated, a Deleware corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
 2. ☐ an assignee of less than the entire right, title and interest.
 The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 7726, Frame 0724, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
 2. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
 3. From: _____ To: _____
 The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

- [] Copies of assignments or other documents in the chain of title are attached.
 [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

October 21, 2003

 Date

Robert N. Rountree

Typed or printed name



Signature

Attorney for Patent Owner

Title